

## ROBERT J. HAWLEY, Ph.D., RBP, SM(NRCM), CBSP



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Bob currently serves as a Consultant in Biological Safety and Security. During 2003 through 2011 he served as Principal Scientist and Senior Advisor, Science, at the Midwest Research Institute Global (MRI) in Frederick, Maryland. Some of his duties included providing biosafety threat analyses and risk assessments and recommendations for existing biological containment laboratories, designs for new containment laboratories and veterinary facilities, and disease surveillance systems for human, animal, and plant diseases. He received the Council of Principal Scientists Science Award from MRI in 2006. During 1988 through 2003 he served as Safety and Occupational Health Specialist and Biosafety Officer, Safety and Occupational Health Manager and Chief, Safety and Radiation Protection Division at the United States Army Medical Research Institute of Infectious Diseases at Fort Detrick, MD. He also served as the Biological Safety Officer for the U.S. Army Medical Research and Materiel Command from 1992 to 2001.

He holds a Ph.D. in Microbiology from the College of Medicine and Dentistry of New Jersey; an M.S. in Microbiology from the Catholic University of America, and a B.S. in Biology from Pennsylvania Military College. He has presented and authored journal articles and textbook chapters on the subjects of Microbial Taxonomy, Chemistry, and Genetics; Plasmid-mediated Antibiotic Resistance, Rapid Diagnostic Technology, Medical Aspects of AIDS, Biological Safety; Biocontainment and Decontamination; Biosecurity; Protection Against Biological Warfare Agents; Bioterrorism and Biological Safety; Decontamination, Sterilization, Disinfection, and Antisepsis; A Comparison of Containment Facilities and Guidelines in Russia and the United States; Biological Weapons - A Primer for Microbiologists; Decontamination; Biosafety and Biosecurity-Regulatory Impact; Safety Considerations in the BSL-4 (Maximum) Containment Laboratory; Biological Toxins: Safety and Science; Risk of Occupationally-Acquired Illnesses from Biological Threat Agents in Unvaccinated Laboratory Workers; Management Guidelines for Laboratory Exposures to Agents of Bioterrorism; and A Perspective of Biosecurity: Past to Present; Biosecurity in Animal Laboratories; The Biosafety Professional - Earning Credibility and Support; Autoimmune Processes Following Infection with SARS-CoV-2.

He served as Chief, Bacteriology Section, Pathology Service, 1967-1970 (CPT, MSC) U.S. Army 249<sup>th</sup> General Hospital, APO, San Francisco, CA; Microbiologist, 1986-1990 and 1998-2000 (CPT, MSC) U.S. Army Reserves (USAR), 2290<sup>th</sup> U.S. Army Hospital, Washington, D.C; Microbiologist, Assistant Training Officer, 1995-1998 (MAJ, MSC) USAR, 4214<sup>th</sup> U.S. Army Hospital, Baltimore, MD; and Assistant Inspector General, 1990-1995 (LTC, MSC) USAR, 97<sup>th</sup> U.S. Army Reserve Command, Fort Meade, MD.

He is a Registered and Certified Biological Safety Professional with the American Biological Safety Association International (ABSA) and during 2000-2003 served as a Council Member of ABSA, and ABSA President, 2006-2007. He received the Everett Hanel, Jr. Presidential Award from ABSA in 2005 and Arnold G. Wedum Distinguished Achievement Award from ABSA in 2011, the Lifetime Achievement Award, Chesapeake Branch of the American Biological Safety Association International (ChABSA), in 2019 and the John H. Richardson Special Recognition Award, ABSA, 2019.

As a member of the American Society for Microbiology (ASM), he served on the National Registry of Certified Microbiologists Examination Development Committee for Biological Safety, and Chair, 2003-2009. He was elected Chair of the Board of the National Registry of Certified Microbiologists and member of the Board of the American College of Microbiology 2014-2018.

He holds professional memberships with the ASM, New York Academy of Sciences, and ABSA, and is Past-President of the Chesapeake Branch of ABSA International. He received the Lifetime Achievement Award in June 2019 in recognition of his dedication to ChABSA and the broader biosafety community. His professional services include membership on various review and certification committees: The United Nations Special Commission (UNSCOM) Inspection Team, Baghdad, Iraq; Team member sampling for *Bacillus anthracis* (Anthrax) at Stepnogorsk, Kazakhstan; Member of the World Health Organization team to inspect the smallpox virus facilities at the State Research Center of Virology and Biotechnology ("VECTOR") in Novosibirsk, Central Siberia, Russia and at the Centers for Disease Control and Prevention, Atlanta, GA; Consultant for the Environmental Protection Agency in Boca Raton, Florida and Washington, DC regarding sampling and decontamination of facilities exposed to *Bacillus anthracis* (Anthrax) spores; Member of the Defense Science Board Task Force on Defense Against Terrorist Use of Biological Weapons, Office of the Secretary of Defense, Washington, DC; and a Member of the Environmental Clearance Committee, Environmental Protection Agency, for federal building remediation and clearance for occupancy. He was a non-affiliated member of the Institutional Biosafety Committee, University of Maryland, Baltimore (2003-2014); Current member of the Editorial Review Board, *Applied Biosafety: Journal of the American Biological Safety Association*; Served as a member of the Scientific/Technical Analysis and Response Team, Department of Homeland Security; Member of the Biological Sciences Experts Group, Office of the Director of National Intelligence; Member of the Committee on Laboratory Security and Personnel Reliability Assurance Systems for Laboratories Conducting Research on Biological Select Agents and Toxins, National Academy of Sciences; Member of the Committee on Special Immunizations Program for Laboratory Personnel Engaged in Research on Countermeasures for Select Agents, National Academy of Sciences; Member of the Great Lakes Regional Center of Excellence Evaluation Committee (November 2010); Member of the Workgroup for Biocontainment Laboratories Oversight, Maryland Department of Mental Health and Hygiene (2012-2013); and Member of the Containment Laboratory Community Advisory Committee (2014-present), Frederick, MD. Member of the Editorial Board, BIOACCENT, BAOJ Microbiology (2015-present). Nonaffiliated member, National Biodefense Analysis and Countermeasures Center, Institutional Biosafety Committee, Fort Detrick, MD, December 2017-present.